

Popularity

★ 5.3

Growing

▲

Activity

♥ 8.5

★ Stars

1,113

👁 Watchers

61

🔗 Forks

285

🕒 Last Commit

29 days ago

Code Quality Rank: L1

Programming language: C

License: GNU General Public License v3.0 only

Tags: 🐛 Metric & Metric Collection

Latest version: v1.7.2

AppSignal - Monitoring that respects your time & budget

sponsored www.appsignal.com

⚡ RRDtool alternatives and similar tools

Based on the "Metric & Metric Collection" category. Alternatively, view [RRDtool alternatives](#) based on common mentions on social networks and blogs.

Grafana

★▶ 9.9

♥▶ 10.0

⇄ RRDtool VS Grafana

The open and composable observability and data visualization platform. Visualize metrics, logs, and traces from multiple sources like Prometheus, Loki, Elasticsearch, InfluxDB, Postgres and many more.

Prometheus

★▶ 9.8

♥▶ 9.9

⇄ RRDtool VS Prometheus

The Prometheus monitoring system and time series database.

Kargo - Stop Scripting Promotions. Start Shipping with Kargo

★▶ 9.9

♥▶ 10.0

⇄ RRDtool VS Kargo

Kargo automates promotion across dev, staging, and prod with approval gates and verification. Open source, built by the team behind Argo CD. Download now.

SaaSHub - Software Alternatives and Reviews

sponsored www.saashub.com

InfluxDB

★▶ 9.5

♥▶ 9.1

⇄ RRDtool VS InfluxDB

Scalable datastore for metrics, events, and real-time analytics

Telegraf

★▶ 9.2

♥▶ 9.9

⇄ RRDtool VS Telegraf

Agent for collecting, processing, aggregating, and writing metrics, logs, and other arbitrary data.

Packetbeat

★▶ 9.0

♥▶ 9.9

⇄ RRDtool VS Packetbeat

:tropical_fish: Beats - Lightweight shippers for Elasticsearch & Logstash

Statsd

★▶ 8.9

♥▶ 3.0

L4

⇄ RRDtool VS Statsd

Daemon for easy but powerful stats aggregation

Dashing

★▶ 8.9

♥▶ 0.0

L2

⇄ RRDtool VS Dashing

DISCONTINUED. Ruby gem that allows for rapid statistical dashboard development. An all HTML5 approach allows for big screen displays in data centers or conference rooms.

Freeboard

★▶ 7.7

♥▶ 0.0

L4

⇄ RRDtool VS Freeboard

A damn-sexy, open source real-time dashboard builder for IOT and other web mashups. A free open-source alternative to Geckoboard.

Graphite

★▶ 7.6

♥▶ 6.8

⇄ RRDtool VS Graphite

A highly scalable real-time graphing system

OpenTSDB

★▶ 7.4

♥▶ 5.4

L1

⇄ RRDtool VS OpenTSDB

A scalable, distributed Time Series Database.

Collectd

★▶ 7.0

♥▶ 5.8

L3

⇄ RRDtool VS Collectd

The system statistics collection daemon. Please send Pull Requests here!

Diamond

★▶ 6.0

♥▶ 0.0

L3

⇄ RRDtool VS Diamond

Diamond is a python daemon that collects system metrics and publishes them to Graphite (and others). It is capable of collecting cpu, memory, network, i/o, load and disk metrics. Additionally, it features an API for implementing custom collectors for gathering metrics from almost any source.

KairosDB

★▶ 5.8

♥▶ 7.7

L3

⇄ RRDtool VS KairosDB

Fast scalable time series database

Facette

★▶ 4.9

♥▶ 0.0

⇄ RRDtool VS Facette

Time series data visualization software

tccollector

★▶ 4.8

♥▶ 7.5

L2

⇄ RRDtool VS tcollector

Data collection framework for OpenTSDB

Ganglia

★▶ 4.0

♥▶ 2.9

L2

⇄ RRDtool VS Ganglia

Ganglia Web Frontend

PGObserver

★▶ 3.7

♥▶ 0.0

L3

⇄ RRDtool VS PGObserver

DISCONTINUED. A battle-tested, flexible & comprehensive monitoring solution for your PostgreSQL databases

Collectl

★▶ 2.2

♥▶ 0.0

L3

⇄ RRDtool VS Collectl

Extending collectl to send process data to graphite

* Code Quality Rankings and insights are calculated and provided by Lumify. They vary from L1 to L5 with "L5" being the highest.

Do you think we are missing an alternative of RRDtool or a related project?

✚ Add another 'Metric & Metric Collection' Tool

README

RRDtool - Round Robin Database Tool

chat on [gitter](#)

RRDtool 1.x master build status:

build

passing

 test coverage

coverage

0%

RRDtool 1.7.x build status:

build

unknown

RRDtool is a little program for easily maintaining a database of time-series data. It comes with a charting program for drawing pretty graphs based on the data stored.

It is pretty easy to gather status information from all sorts of things, ranging from the temperature in your office to the number of octets which have passed through the FDDI interface of your router. But it is not so trivial to store this data in a efficient and systematic manner. This is where RRDtool kicks in. It lets you log and analyze the data you gather from all kinds of data-sources (DS). The data analysis part of RRDtool is based on the ability to quickly generate graphical representations of the data values collected over a definable time period.

To compile:

check out the instructions in `[[doc/rrdbuild.pod]]`

Getting Started:

Either after compiling or after installing you can try the example RRDtool applications in the examples directory.

To learn:

Read the documentation in the doc directory.

If you are looking for a more slow paced introduction, make sure to read Alex van den Bogaerd's rrdtutorial which is also available from the doc directory. Also read his cdefutorial and Steve Rader's rpntutorial.

If you want to know about the format of the log files check `[[src/rrd_format.h]]` there are a lot of comments in there ...

How to make Tobī happy:

If you want to show your appreciation for RRDtool you could make me happy by going to <https://tobi.oetiker.ch/wish> and ordering a CD from my CD wish list ...

How to keep in touch:

There are 3 Mailing lists for RRDtool:

rrd-announce LOW volume RRDtool Announcements List (Only Stable Releases) rrd-users For discussion amongst people who use RRDtool in their applications rrd-developers For people who actually HACK RRDtool code

To subscribe to send a message with the subject 'subscribe' to -request@lists.oetiker.ch

Note, that postings to rrd-announce will always be cross-posted to rrd-users and rrd-developers as well.

To Contribute:

Contributed feature and bug patches are most welcome. Since rrdtool lives on github, it is now very easy to create pull requests. Work from the master branch unless you are creating bugfixes. No new features should go into the 1.2, 1.3 and 1.4 branches.

If you contribute new features, make sure to also update the documentation pod files.

The latest released Version:

Is always available from <https://oss.oetiker.ch/rrdtool/>

Tobias Oetiker tobi@oetiker.ch

Do not miss the trending, tools, news and articles with our [weekly report](#).

Your email

Subscribe

About

Your go-to SysAdmin Toolbox. Our goal is to help you find the software and libraries you need. Made by developers for developers. The collection of libraries and resources is based on the *Awesome SysAdmin List* and direct contributions here. To add a new tool, please, check the [contribute section](#).

Sponsored by:  Kargo  AppSignal  SaaSHub

More from LibHunt

Android	Java	React
C++	JavaScript	Ruby
Crystal	Kotlin	Rust
Elixir	.NET	Scala
Go	Node.js	Self Hosted
Haskell	PHP	Swift
iOS	Python	

[Advertise](#)



Awesome SysAdmin is part of the LibHunt network. [Terms](#). [Privacy Policy](#).

Spin The Wheel Of Names for a cryptographically secure random name picker.

Schedule a [when to meet](#) poll.

